

DRAFT

2040 Long Range Transportation Plan



Project List Review

**Greensboro
Oak Ridge
Pleasant Garden
Sedalia
Stokesdale
Summerfield**



Draft 2040 Long Range Transportation Plan

Project List Review

Background

The Greensboro Urban Area MPO manages the transportation planning process required by the Federal government. The MPO plans for our area's surface transportation needs, including highways, transit, bicycle, and pedestrian facilities. The Greensboro metropolitan planning area includes most of Guilford County. The MPO serves the City of Greensboro, much of unincorporated Guilford County, and the towns of Oak Ridge, Pleasant Garden, Sedalia, Stokesdale, and Summerfield.

Federal laws outline most of the MPO's activities. Major MPO priorities include:

- ✓ Promoting safe and efficient management, operation, and development of transportation systems
- ✓ Serving the mobility needs of people and freight
- ✓ Supporting economic growth and development
- ✓ Minimizing the negative effects of transportation, including air pollution.

The MPO supports these priorities through a work plan which includes a series of tasks. The tasks include data gathering, analysis, and development of federally required documents. One of the major documents required is the Long Range Transportation Plan or LRTP.

The Long Range Transportation Plan (LRTP) is a federally required long-term plan that lays out transportation improvements and policies for the area. It must cover at least 20 years into the future. The MPO revises its LRTP at least once every four years.

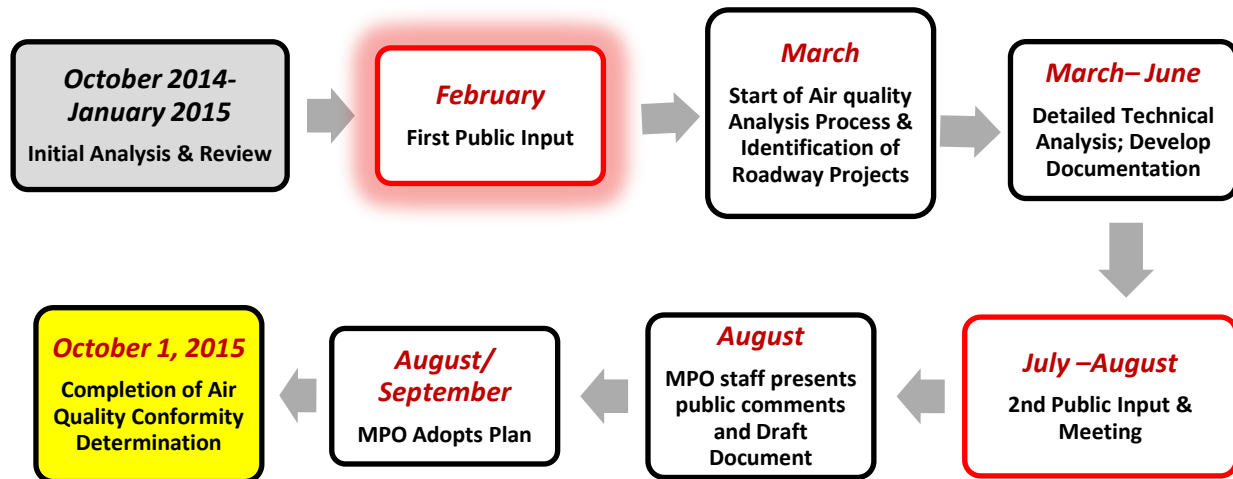
The TAC adopted the most recent LRTP, which identified projects through 2035, for the Greensboro area in January 2013. MPO staff is updating the current LRTP to identify projects through 2040. The LRTP evaluates and identifies projects for roadway, public transportation, bicycle, and pedestrian modes. The LRTP also includes elements on land use, environmental impacts, freight, and financial analysis.

Purpose

The purpose of this document is to allow the public to review the listing of projects identified for the MPO area through 2040. The list consists primarily of roadway projects with general reference to the other modes. Major roadway projects must be identified in the LRTP before receiving funding from NCDOT. Listing of the project in the LRTP does not guarantee funding from NCDOT, but is required before funds are requested. The MPO is looking for feedback on the following:

1. Agreement on the projects which have been identified
2. Projects needs that have not been included
3. Projects with recommendations to be removed

LRTP Development Timeline



How to Make Comments

Instructions for making comments on the Draft LRTP Project List document:

Please submit any written comments on the documents that you may have by March 2nd.

E-mail: guampo@greensboro-nc.gov

Mail: Attention: Craig McKinney
Greensboro Department of Transportation
P.O. Box 3136
Greensboro, NC 27402-3136

For additional information, please call Craig McKinney at: (336) 373-4184 or visit the MPO's website at: (<http://www.guampo.org>).

Completed Projects

Previously Completed Roadway Projects

2009-2012					
Map ID	Funding	TIP or Bond ID	Facility	Description / Extents	Length (miles)
CP-01	Federal	U-4006	Bridford Parkway Extension	Hornaday Rd. to Burnt Poplar Rd. (see Map ID C1) <i>Mitigation & partial construction</i>	1.1
CP-02	Local	PO4160	Hornaday Rd. Extension	Hornaday Rd. to Chimney Rock Rd.	0.6
CP-03	State	U-4750	Hornaday Rd. Bridge	Grade Separation over Greensboro Urban Loop	N/A
CP-04	Federal	U-5162	Lake Jeanette	Widening, intersection improvements, and sidewalks from Lawndale to Bass Chapel/ Elm Street.	1.4
CP-05	Federal	R-2612 A	US 421	Company Mill Rd. and Woody Mill Rd. realignment and interchange	0.0
CP-06	Local	P03880	Merritt Drive	I-40 to High Point Road	
CP-07	Local	P03878	Creek Ridge Road	Rehobeth Church Rd. to Randleman Rd.	1.2
CP-08	Local	P03741	New Garden Road	Jefferson Rd. to Brassfield Rd.	0.8

Recently Completed Roadway Projects

2013-2015					
Map ID	Funding	TIP or Bond ID	Facility	Description / Extents	Length (miles)
CP-09	Federal	U-5306D	Battleground Avenue	Intersection and sidewalk improvements at (D) Brassfield Road.	N/A
CP-10	Federal	U-5505	Fleming Road Relocation and Isaacson Boulevard	Roadway & intersection project	0.0
CP-11	Federal	C-5511	Florida St / Randolph Ave	Intersection improvement	N/A
CP-12	Federal	I-5329	Future I-73/Future I-74	South of Ellerbe in Richmond County to I-73/I-85/US 421 in Guilford County (signage)	6.5/ 23
CP-13	Federal	U-4711	Greensboro Signal/ ITS System	Replacement and Expansion	N/A
CP-14	Federal	I-5110	I-73 Connector	NC 68 to Bryan Blvd.	3.0
CP-15	Federal	W-5114	NC 68	East Harrell Rd. to Bartonshire Drive Add left turn lanes at two intersections between East Harrell Road and Bartonshire Drive.	0.4
CP-16	Federal	U-5322	Wendover Avenue	Wendover Avenue/ Clifton Road intersection improvements	N/A
CP-17	Federal	R-2611	West Market Street	Widening, NC 68 to Bunker Hill Rd.	3.6

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Highway Projects Map

Completed Projects

Legend

Existing
Freeway
& Interstate

Roadway Project Locations

Complete

Interchange Grade Separation Project Locations

Interchange
Complete

Grade Separation
Complete

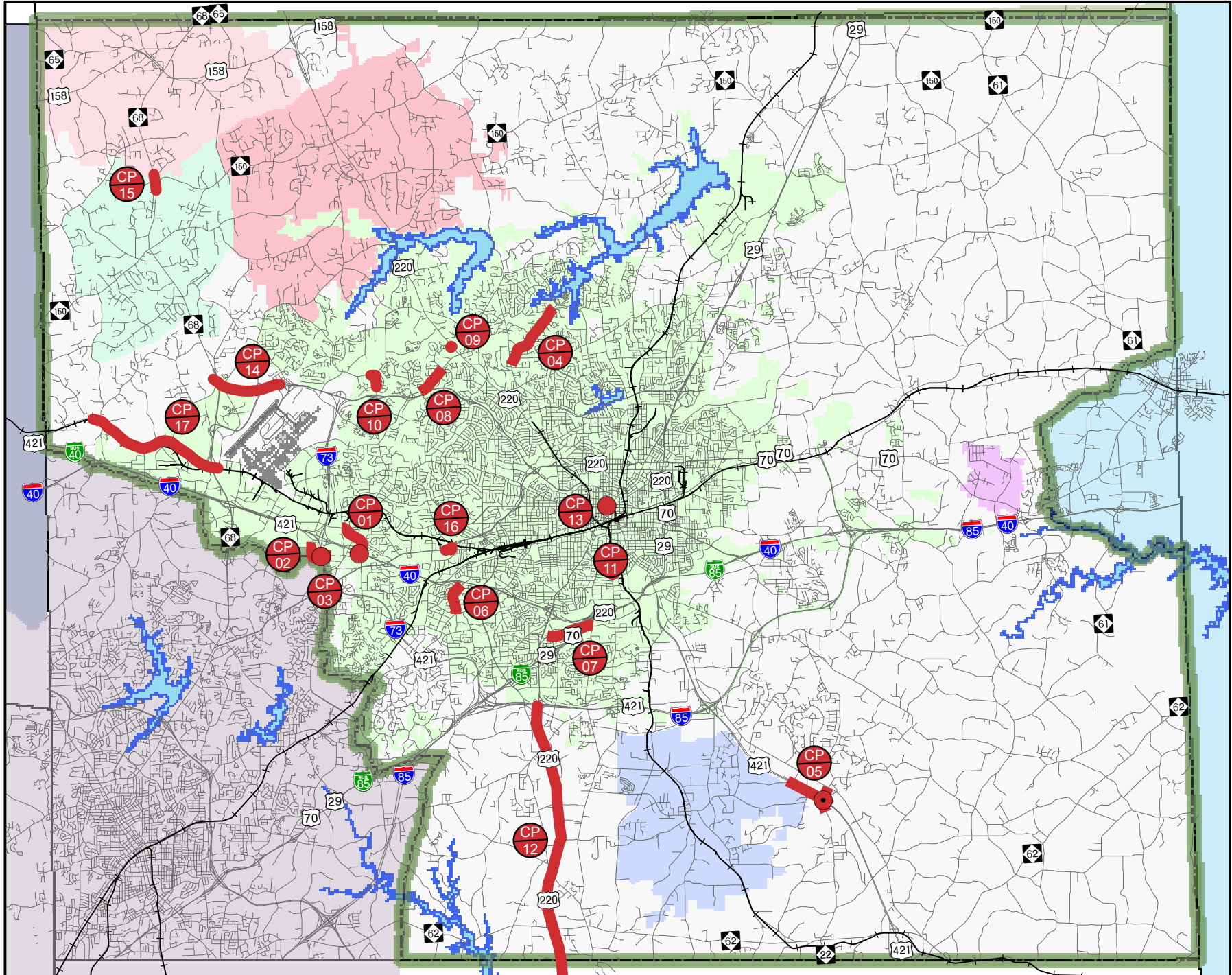
Project Reference ID

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Complete



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Miles

Map 4-



2021 Projects

2016-2021											
Map ID	Funding	TIP or Local ID	Facility	Description / Extents	Length (miles)	Existing # Lanes	Horizon Year # Lanes	Federal Functional Class	BiPed		Project Cost
									Sidewalk	Bike	
21-01	Local	P05187	Alamance Church Road	Widening - Martin Luther King Jr. Dr. to City Limits	1.6	2 lane	2 lane divided	Minor Arterial	Yes	Yes	\$3,191,100
21-02	Federal	U-5532 A	Aycock Street & Walker Avenue	Intersection pedestrain safety improvement project	N/A	N/A	N/A	Minor Arterial	Yes	Yes	\$173,000
21-03	Federal	U-5306A	Battleground Avenue	Intersection and sidewalk improvements at Benjamin Parkway/ Cone Boulevard	N/A	N/A	N/A	Other Principal Arterial	Yes	Yes	\$2,650,000
21-04	Federal	U-5306B	Battleground Avenue	Intersection and sidewalk improvments at Westridge Road	N/A	N/A	N/A	Other Principal Arterial	Yes	Yes	\$3,530,000
21-05	Federal	U-5306C	Battleground Avenue	Intersection and sidewalk improvements at New Garden,	N/A	N/A	N/A	Other Principal Arterial	Yes	Yes	\$1,220,000
21-06	Local		Battleground/ Benjamin	Intersection improvement for Atlantic and Yadkin Greenway; remove slip lane	N/A	N/A	N/A	Other Principal Arterial	Yes	Yes	\$200,000
21-07	Local	P04164	Cone-Nealtown Extension (PH I)	New location - Existing Cone Blvd. to Nealtown Rd. Extension (includes Nealtown Rd. Extension)	1.1	N/A	2 lane	Minor Arterial	Yes	Yes	\$8,600,000
21-08	Federal	U-2525 B	Eastern Urban Loop	US 29 to US 70	12.6	N/A	4 lane freeway	Interstate	No	No	\$59,350,000
21-09	State	U-5842	Elm Street & Pisgah Church Road	Intersection improvement	N/A	N/A	N/A	Minor Arterial	Yes	Yes	\$930,000
21-10	Local		Elm-Eugene Street	Widening - I-85 to Ritters Lake Rd	0.5	2 lane	4 lane divided	Minor Arterial		Yes	\$3,374,300
21-11	State	U-5841	Friendly Avenue	Intersection improvements at Lindell Road	N/A	N/A	N/A	Minor Arterial	No	No	\$233,000
21-12	Federal	U-2412 B	High Point Road	Vickrey Chapel Rd. to Hilltop Rd. (Section A in HPMPO)	3.8	3 lane	6 lane divided	Other Principal Arterial	Yes	Yes	\$44,300,000
21-13	Local	P05068	High Point Road	Streetscape, Pincroft to Coliseum Blvd.	1.5	N/A	N/A	Other Principal Arterial	Yes	Yes	\$8,531,450
21-14	Local		Holden Road / Ashland Drive	Intersection improvements.	N/A	N/A	N/A	Minor Arterial	No	No	100,000
21-15	Federal	EL-5101 DM	Holts Chapel Road Upgrade	C&G and sidewalks - East Market St. to Franklin Blvd.	3.6	2 lane	3 lane	Local	Yes	Yes	\$3,500,000
21-16	Local	P04945	Horse Pen Creek Road	Widening - New Garden Rd. to Battleground Ave.	3.4	2 lane	4 lane divided	Minor Arterial	Yes	Yes	\$20,408,000
21-17	Federal		I-40 / Sandy Ridge Road	Interchange Reconfiguration	N/A	N/A	N/A	Interstate	No	No	\$15,700,000
21-18	State	I-5110	I-73 Connector	New location - NC 68 to Bryan Boulevard (Western Loop) construction	3.0	N/A	6 lane freeway	Interstate	No	No	\$74,000,000
21-19	Federal	EB-5518	Latham Park Greenway	Greenway improvement on Hill St from Battleground Ave to Mendenhall St	0.2	4 Lane divided	2 lane divided	Local	Yes	Yes	\$460,000
21-20	Local		Lewiston Road / Fleming Road	Intersection improvements. Construct turning lanes and curb and gutter.	N/A	N/A	N/A	Collector	Yes	No	\$250,000
21-21	Federal	Y-4807 B	Lowdermilk Street / Sykes Avenue	Intersection Realignment at East Market Street	0.1	2 lane	3 lane	Minor Arterial / Local	Yes	Yes	\$1,582,000
21-22	Local	EL-5101 DM	Lowdermilk Street Upgrade	C&G and sidewalks - Cameron St. to Holts Chapel Rd.	0.6	2 lane	2 lane	Local	Yes	Yes	Included in funding for project 21-15
21-23	Federal	U-2412 B	Mackay Road	Widening - High Point Rd. to Atwater Drive (part of U-2412B)	0.2	2 lane	5 lane	Collector	Yes	Yes	Included in funding for project 21-12
21-24	Local	P04556	Mackay Road	Widening - Atwater Dr. to Williamsborough Ln.	0.7	2 lane	5 lane	Collector	Yes	Yes	\$3,100,000
21-25	Local		McGee Street	Edgeworth Street to Blandwood Avenue. Intersection improvements and reconstruct roadway.	0.1	N/A	N/A	Proposed Collector	Yes	No	\$250,000
21-26	Local		McGee Street/ Davie Street/ Martin Luther King Jr. (Hamburger Square)	Intersection improvements and reconstruct roadway.	N/A	N/A	N/A	Mionr Arterial	Yes	Yes	1,750,000
21-27	State	R-5725	NC 150 / NC 68	Intersection improvements and adding crosswalks	N/A	N/A	N/A	Other Principal Arterial	Yes	No	\$698,000

Project Recommendations

21-28	State		NC 62/ Randleman Road	Intersection improvements.	N/A	N/A	N/A	Minor Arterial	No	No	\$250,000
21-29	State	R-2413 A/B	NC 68 / US 220 Connector	New location - NC 68 to US 220	7.5/12.4	N/A	4 lane freeway	Interstate	No	No	\$57,050,000
21-30	State	R-2413 C	NC 68 / US 220 Connector	Widening - NC 68 / US 220 Intersection to Haw River (In conjunction with R-2309 AB)	3.9/12.4	N/A	4 lane freeway	Interstate	No	No	\$53,400,000
21-31	Federal	P-5204	Piedmont Corridor	Piedmont Corridor. Construct Safety Improvement; grade separation of McLeansville Road	N/A	N/A	N/A	Collector	No	Yes	\$6,094,000
21-32	Local		Pleasant Garden Road	Spur Rd/Nesbitt Rd Round-A-Bout	N/A	N/A	N/A	Mnor Arterial	Yes	Yes	\$760,000
21-33	Federal	R-2309 AB	US 220	Widening - Horse Pen Creek Rd. to US 220-NC 68 Connector (In conjunction with R-2413)	6.3	2 lane	4 lane divided	Other Principal Arterial	Yes	Yes	\$39,800,000
21-34	State		US 29 at NC 150	Exit ramp improvements, convert from partial clover interchange to diamond interchange	NA	NA	NA	Freeway/ Expressway	No	No	\$540,000
21-35	Federal	R-2612 B	US 421	Neelley Rd. and Williams Dairy Rd. realignment and Interchange	0.6	2 lane	2 lane	Freeway / Expressway & Minor Arterial	No	No	\$19,476,000
21-36	Local	P04500	Vandalia Road	Widening - Elm-Eugene St. to Pleasant Garden Rd.	1.4	2 lane	5 lane	Minor Arterial	Yes	Yes	\$5,750,000
21-37	Federal	U-5326	West Market St.	Intersection Improvements at Guilford College/College Rd.	N/A	5 lane	N/A	Minor Arterial	Yes	Yes	\$2,560,000
21-38	Federal	U-2524 C	Western Urban Loop	Bryan Blvd to Battleground Ave		N/A	6 lane freeway	Interstate	No	No	\$25,120,000
21-39	State	U-2524 D	Western Urban Loop	Battleground Ave. to Lawndale Dr.	1.5	N/A	6 lane freeway	Interstate	No	No	\$88,100,000
21-40	State	U-2524 D	Western Urban Loop	Lake Brandt / Cotswold Connector (Lake Brandt Rd. to Cotswold Rd. part of U-2524 D)	0.3	3 lane	3 lane	Collector	Yes	No	Included in funding for project 21-39
21-41	State	U-2524 AE	Western Urban Loop	Interchange at High Point Rd. Relocation (construction with U-2412B)	N/A	N/A	N/A	Other Principal Arterial	No	No	\$12,500,000
N/A	Various	Various (B)	Various	Bridge Projects	N/A	N/A	N/A	Various			N/A
N/A	Various	Various (W, SI)	Various	Hazard Elimination Projects	N/A	N/A	N/A	Various			N/A
N/A	Various	Various (P)	Various	Passenger Rail Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (E)	Various	Enhancement Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (T)	Various	Public Transportation Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (C)	Various	Congestion Mitgation and Air Quality (CMAQ) Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (C)	Various	Maintenance (roadway)	N/A	N/A	N/A	N/A			N/A

2040 LONG RANGE
TRANSPORTATION
PLAN

DRAFT

Highway
Projects
Map

2021
Projects

Legend

Existing
Freeway
& Interstate

Roadway
Project Locations

Existing Alignment
Future Alignment

Intersection
Grade Separation
Project Locations

Intersection
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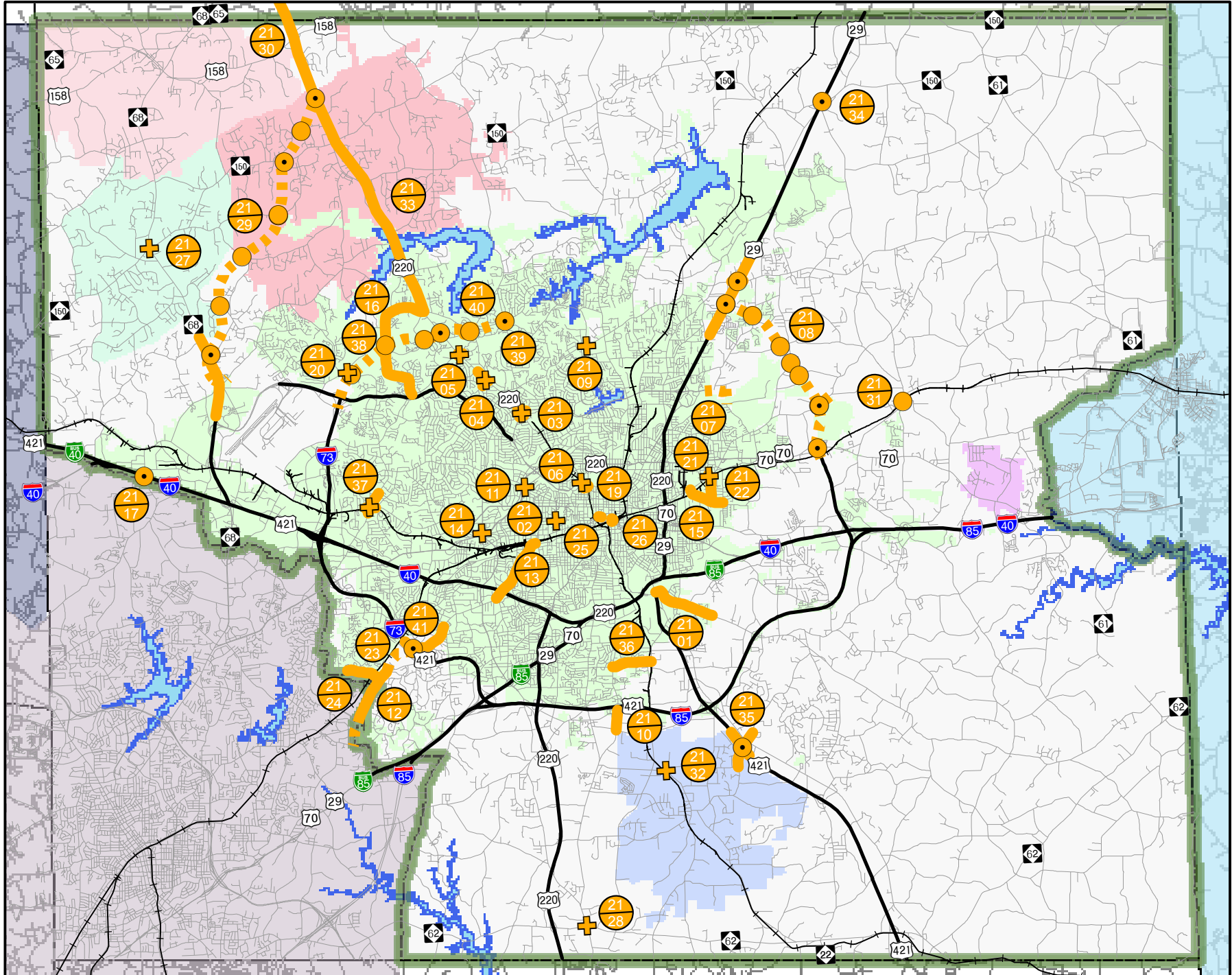
Project Reference ID

2021
#



0 0.5 1 2
Miles

Map 4-__



2022-2030											
Map ID	Funding	TIP or Local ID	Facility	Description / Extents	Length (miles)	Existing # Lanes	Horizon Year # Lanes	Federal Functional Class	BiPed		Project Costs
									Sidewalk	Bike	
30-01	Federal	U-5849	Aycock Street	Railroad overpass replacement & road widening	N/A	3	5	Mionr Arterial	Yes	Yes	\$8,800,000
30-02	Federal		Battleground Avenue	Widening - Cotswold Ave. to Westridge Road	1.4	5 lane	6 lane divided	Other Principal Arterial	Yes	Yes	\$13,285,000
30-03	Local		Battleground Avenue	Widening- Mill Street to Northwood Street	0.2	5 lane	6 lane	Minor Arterial	Yes	No	\$250,000
30-04	State	U-5852	Benjamin Pkwy / Bryan Blvd	Widening - Holden Rd. to Wendover Ave.	1.2	5 lane	6 lane	Freeway / Other Principal Arterial	Yes	Yes	\$13,416,000
30-05	Local		Benjamin Pkwy / Cornwallis Dr	Intersection Improvement	N/A	N/A	N/A	Other Principal Arterial / Major Collector	Yes	No	\$200,000
30-06	Local		Bessemer Ave / Elm St	Intersection Improvement	N/A	N/A	N/A	Major Collector / Minor Arterial	Yes	Yes	\$200,000
30-07	Local		Bryan Boulevard/New Garden/Horse Pen Creek Road	Interchange Improvements. Design and construct new ramp form westbound New Garden Road to westbound Bryan Boulevard.	N/A	N/A	N/A	Other Freeway	No	No	2,000,000
30-08	Local		Burlington Road	Widening - Franklin Blvd. to Ward Rd.	0.4	2 lane	3 lanes	Minor Arterial	Yes	Yes	\$2,674,000
30-09	State	U-5851	Church Street	Widening - Wendover Ave. to Cone Blvd.	1.8	3 lane	4 lane divided	Collector	Yes	Yes	\$15,771,000
30-10	Local	Bond Project	Church Street	Streetscape, Washington St. to Summit Ave.	0.4	N/A	N/A	Collector	Yes	Yes	\$5,000,000
30-11	State		Church Street	Add Shoulders - Urban Loop to MPO Boundary (Rockingham County line)	7.2	N/A	N/A	Minor Arterial/ Collector	No	Yes	\$4,320,000
30-12	Local		Cone Boulevard / Lawndale Drive	Interchange Improvements.	N/A	N/A	N/A	Minor Arterial	Yes	No	\$10,000,000
30-13	Local		Cone Boulevard Extension (Phase II)	Nealtown Rd. Extension to Hines Chapel Rd. (includes widening of existing and new location)	2.0	2	4 lane divided	Minor Arterial	Yes	Yes	\$18,054,000
30-14	State	U-2525D	Cone Boulevard Extension Interchange	Interchange with I-840/I-785	N/A	N/A	N/A	Interstate	No	Non	\$15,000,000
30-15	State	U-2525 C	Eastern Urban Loop	Lawndale Dr. to US 29	5.8 / 12.6	N/A	6 lane freeway	Interstate	No	No	\$146,320,000
30-16	Local		Elm Street	Widening - Wendover Ave. to Cone Blvd.	1.6	3 lane	4 lane divided	Minor Arterial	Yes	Yes	\$12,571,000
30-17	State	U-2524F	Fleming - Lewiston Connector	Interchange with I-840	N/A	N/A	N/A	Interstate	No	Non	\$6,579,500
30-18	Federal	P-xxxx	Franklin Boulevard	Railroad grade separation	N/A	3 lane	3 lane	N/A	Yes	Yes	\$8,500,000
30-19	Federal	U-4015 A	Gallimore Dairy Road	NC 68 to south of I-40	1.6	2 lane	4 lane divided	Minor Arterial	Yes	Yes	\$8,150,000
30-20	Local		Hilltop Road	Railroad grade separation	N/A	N/A	N/A	N/A	Yes	Yes	\$15,000,000
30-21	Local		Huffine Mill Road	Widening - Penry Road to Eastern Urban Loop	1.8	2 lane	4 lane divided	Minor Arterial	Yes	Yes	\$21,900,000
30-23	State		Lake Brandt Road	Add Shoulders - Plainfield Road to Town Limits.	5.5	N/A	N/A	Minor Arterial/ Collector	No	Yes	\$5,500,000
30-24	Local		Lake Brandt Road/ Air Harbor Road	Intersection Improvement.	0.5	N/A	N/A	Collector	Yes	No	\$5,432,550
30-25	State	U-5812	Lawndale Drive & Pisgah Church Road	Intersection Improvement.	N/A	N/A	N/A	Minor Arterial	Yes	Yes	\$930,000
30-26	Local	Bond Project	Lee Street	Streetscape - Coliseum Boulevard to Eugene St.	1.8	N/A	N/A	Other Principal Arterial	Yes	Yes	\$7,503,000
30-27	Federal		Lewiston Road / Pleasant Ridge Road	Widening - North of Urban Loop to Summerfield Road	5.0	2 lane	4 lane divided	Collector	Yes	Yes	\$27,523,000
30-28	Local		Mackay Road	Railroad grade separation	N/A	N/A	N/A	N/A	Yes	Yes	\$15,000,000
30-29	Federal	P-xxxx	Naco Road Extension	New Location - O'Ferrell St. to US 70	1.9	N/A	3 lane	N/A	Yes	Yes	\$6,820,000
30-30	State		NC 150	Add Shoulders - Lake Brandt Road to Poley Road.	15.5	N/A	N/A	Majpr Collector	No	Yes	\$9,300,000
30-31	State		NC 62	Add Shoulders - Groometown Road to NC 61	21.5	N/A	N/A	Minor Arterial	No	Yes	\$12,900,000
30-32	Federal	U-5607	NC 68	Widening - Triad Center Dr. to Pleasant Ridge Rd.	2	4 lane	6 lane divided	Other Principal Arterial	No	No	\$23,622,500

Project Recommendations

30-33	Federal		Norwalk Street Extension	New location - Existing Norwalk St. to Boston St. (includes RXR grade separation & improvements at Wendover)	0.3	N/A	3 lane	Proposed Collector	Yes	Yes	\$6,844,000
30-34	Local		Old Oak Ridge Road	Widening- Muirfield to Pleasant Ridge Road	1.2	2 lane	3 lane	Minor Arterial	Yes	No	\$3,000,000
30-35	Local		Pleasant Ridge Road	Widening - West Market St. to NC 68	2.4	2 lane	4 lane divided	Minor Arterial	Yes	Yes	\$20,352,000
30-36	State	U-5850	Randleman Road	Widening - Glendale Dr. to Elmsley Dr.	0.6	2 lane	4 lane divided	Minor Arterial	Yes	Yes	\$2,158,000
30-37	Local		Sandy Ridge Road	Widening - I-40 to West Market St.	1.0	2 lane	6 lane divided	Collector	Yes	Yes	\$20,902,000
30-38	Local		Stanley Road	Widening - Koger Blvd. to Hilltop Rd.	1.1	2 lane	5 lane	Collector	Yes	Yes	\$6,431,000
30-39	Local	Bond Project	Summit Avenue	Streetscape - Murrow Boulevard to Wendover Ave.	1.0	N/A	N/A	Minor Arterial	Yes	Yes	\$10,000,000
30-40	Federal		Tate Street	Railroad grade separation	N/A	N/A	N/A	N/A	Yes	Yes	\$10,000,000
30-41	Federal	I-4921	US 220 (Future I-73/I-74)	Asheboro to I-85; Upgrade to Interstate Standards	6.5/ 23	N/A	N/A	Freeway/Expressway	Yes	Yes	\$26,320,000
30-42	Federal	R-4707	US 29	Reedy Fork Parkway / US 29 Interchange (includes improvements to Summit Ave. and Reedy Fork Parkway)	0.0	4 lane freeway	6 lane freeway	Freeway/Expressway	Yes	Yes	\$44,124,000
30-43	State	U-5754	US 29/ US 70/US 220	Widen southbound exit ramp to two lanes; with northbound on ramp to two lanes and replace I-40/ I-85 Bus overpass.	0.5	1 lane	2 lanes	Freeway/Expressway	No	No	\$17,640,000
30-44	Federal	R-2910	US 70	Widening - Rock Creek Dairy Rd. to MPO Boundary (remaining portion in Burlington-Graham MPO)	0.32 / 5.4	2 lane	4 lane divided	Other Principal Arterial	Yes	Yes	\$1,248,000
30-45	Federal	U-2581 B	US 70	Widening - Mt Hope Church Rd. to Rock Creek Dairy Rd.	5.2	2 lane	4 lane divided	Other Principal Arterial	Yes	Yes	\$22,200,000
30-46	State		Yanceyville Road	Add Shoulders - Lees Chapel Road to NC 150	3.0	N/A	N/A	Collector	No	Yes	\$1,800,000
30-47	Local		Yanceyville Road	Widening - Lees Chapel to Urban Loop Interchange	0.1	2 lane	4 lane divided	Collector	Yes	Yes	\$750,000
30-48	Local		Fleming Rd / Lewiston Rd Connector	New location - Fleming Rd. to Lewiston Rd.	0.6	N/A	4 lane divided	Collector	Yes	Yes	\$15,000,000
N/A	Various	Various (B)	Various	Bridge Projects	N/A	N/A	N/A	Various			N/A
N/A	Various	Various (W, SI)	Various	Hazard Elimination Projects	N/A	N/A	N/A	Various			N/A
N/A	Various	Various (P)	Various	Passenger Rail Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (E)	Various	Enhancement Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (T)	Various	Public Transportation Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (C)	Various	Congestion Mitgation and Air Quality (CMAQ) Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (C)	Various	Maintenance (roadway)	N/A	N/A	N/A	N/A			N/A

DRAFT

Highway Projects Map

**2030
Projects**

Legend

Existing
Freeway
& Interstate

Roadway Project Locations

Existing Alignment
Future Alignment

Intersection Interchange Grade Separation Project Locations

- Intersection
- Interchange
- Grade Separation

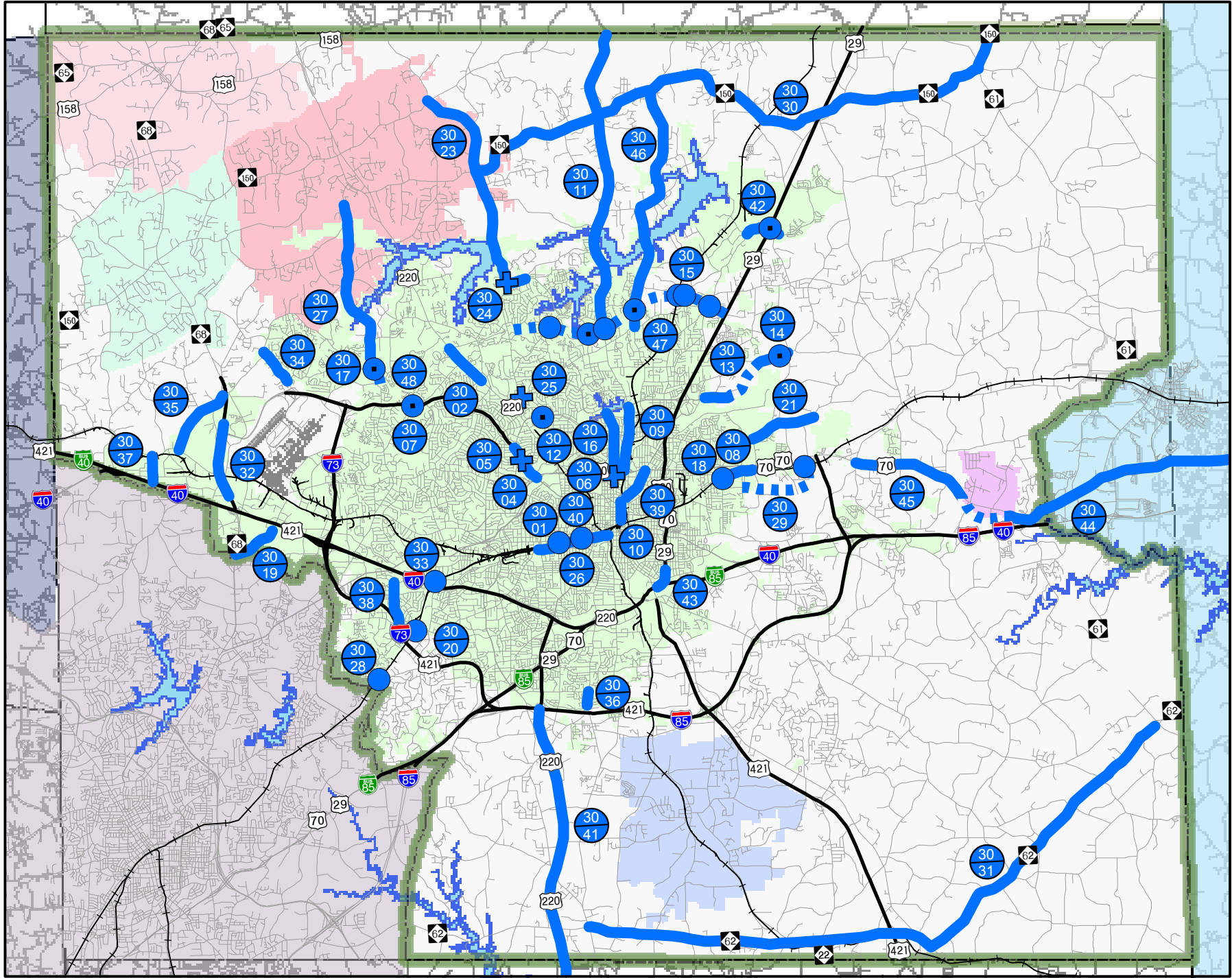
Project Reference ID

30 # 2030



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Miles

Map 4-__



2031-2040											
Map ID	Funding	TIP or Local ID	Facility	Description / Extents	Length (miles)	Existing # Lanes	Horizon Year # Lanes	Federal Functional Class	BiPed		Project Costs
									Sidewalk	Bike	
40-01	Local		Alamance Church Road	Widening - City Limits to I-85	1.2	2 lane	3 lane divided	Minor Arterial	Yes	Yes	\$3,276,000
40-02	Local		Bass Chapel Rd / Elm St	Widening - Air Harbor Rd. to Old Lake Jeanette Rd.	2.0	3 lane	4 lane divided	Collector	Yes	Yes	\$15,411,000
40-03	Federal		Battleground Avenue Crossover	Reconstruction - Cornwallis Dr. to Northwood Street	1.0	5 lane	6 lane divided	Other Principal Arterial	Yes	No	\$15,000,000
40-04	Federal		Benbow Road	Railroad grade separation	N/A	N/A	N/A	N/A	Yes	Yes	\$3,750,000
40-05	Local		Burnt Poplar Road	Widening - Swing Rd. to Regional Rd.	2.9	2 lane	3 lane	Local	Yes	Yes	\$11,645,950
40-06	Local		Church Street	Widening - Cone Blvd. to Old Lake Jeanette Road	2.2	3 lane	4 lane divided -5	Collector	Yes	Yes	\$13,612,500
40-07	State		Clapps Farm Road	Widening - McConnell Rd. to Mt. Hope Church Rd.	2.0	N/A	4 lane divided	Local	Yes	Yes	\$13,316,000
40-08	Federal		East Market Street	Railroad underpass replacement	N/A	N/A	N/A	N/A	Yes	Yes	\$30,000,000
40-09	Local		Fleming Rd / Lewiston Rd Connector	New location - Fleming Rd. to Lewiston Rd.	0.6	N/A	4 lane divided	Collector	Yes	Yes	\$15,000,000
40-10	Federl		Hamburg Mill	Add shoulder. US 220 to Pleasant Ridge Road	1.4	N/A	N/A	Local	No	Yes	\$315,000
40-11	Local		Hicone Road	Widening - Summit Ave. to Hines Chapel Rd.	3.3	2 lane	5 lane	Minor Arterial	Yes	Yes	\$16,121,000
40-12	Local		Hicone Road Extension	New location - Existing Hicone Rd. to Lee's Chapel Rd.	0.6	N/A	3 lane	Minor Arterial	Yes	Yes	\$2,894,000
40-13	Local		Holts Chapel Road Extension	Widening & New Location - Franklin Blvd. to Naco Rd Extension	2.3	2 lane / N/A	3 Lane	Collector	No	Yes	\$15,896,000
40-14	State		McConnell Road	Widening - Beaumont Ave to I-40	1.6	N/A	4 lane divided	Collector	Yes	Yes	\$20,443,000
40-15	Federal		NC 68	Widening - Leaborne Rd. to Rockingham County Line	8.9	2	4 lane divided	Other Principal Arterial	No	No	\$20,000,000
40-16	Federal		NC 68 & I-40	Interchange Reconfiguration	N/A	N/A	N/A	Minor Arterial	No	No	\$25,951,000
40-17	Federal		NC 150	Widening & Add Shoulders - Town Limits to US 220; US 220 to Eversfield Road.	7.5	2 lane	3 lane	Minor Arterial/ Major Collector	No	Yes	\$55,574,000
40-18	Local		Nealtown Road Extension	New location - East Cone Blvd. to McKnight Mill Rd.	2.0	N/A	3 lane	Proposed Collector	Yes	Yes	\$12,782,000
40-19	State	U-5003	Pegg / Thatcher Connector	Widening - Gallimore Dairy Rd. to Market St. (includes grade separation over I-40)	2.1	N/A	4 lane divided	Collector	Yes	Yes	\$35,203,000
40-20	State		Pleasant Ridge Road	Widening - Old Oak Ridge Rd. to Lewiston Rd.	3.2	2 lane	3 lane	Minor Arterial	Yes	Yes	\$15,196,000
40-21	Local		Pleasant Ridge Road	Widening - NC 68 to Old Oak Ridge Rd.	1.0	2 lane	4 lane divided	Minor Arterial	Yes	Yes	\$7,581,000
40-22	Federal		Pleasant Ridge Road & Summerfield Road	Intersection Improvement. Construct Roundabout.	N/A	N/A	N/A	Minor Arterial	Yes	Yes	\$750,000
40-23	Federal		Sandy Ridge Road Extension	New location - West Market St. to Bunker Hill Road	1.9	N/A	4 lane divided	Minor Arterial	Yes	Yes	\$17,600,000
40-24	Federal		South Dudley Street	Railroad grade separation	N/A	N/A	N/A	N/A	No	No	\$15,000,000
40-25	Federal		South English Street	Railroad grade separation	N/A	N/A	N/A	N/A	No	No	\$15,000,000
40-26	Local		Summit Avenue	Widening - McKnight Mill Rd. to Bryan Park Rd.	4.7	2 lane	4 lane divided	Minor Arterial	Yes	Yes	\$30,844,000
40-27	Federal		US 29	Upgrade to Interstate Standards, S. of Reedy Fork Parkway to Rockingham Co. line	5.5	4 lane freeway	6 lane freeway	Freeway/ Expressway	No	No	\$8,822,000
40-28	State	R-2577 C	US 158	Widening & new location - Anthony Rd to US 220 (includes Bypass; A & B Sections in Winston-Salem MPO)	6.8 / 18.8	2 lane	4 lane divided	Other Principal Arterial	Yes	Yes	\$153,720,000
40-29	State	R-2580	US 158	Widening - US 220 to Rockingham Co Line (remaining portion in Rockingham Co.)	1.6/ 15	2 lane	4 lane divided	Other Principal Arterial	Yes	Yes	\$30,200,000
40-30	State		Vandalia Road Extension	New location - Pleasant Garden Rd. to Alamance Church Rd. includes interchange with J M Hunt Jr Expressway	2.5	N/A	4 lane divided	Minor Arterial	Yes	Yes	\$27,632,300
40-31	Federal		Wendover Ave. & I-40	Interchange Reconfiguration	N/A	N/A	N/A	Other Principal Arterial	No	No	\$20,000,000
40-32	Federal	U-3617	West Market Street (E. Mountain Street)	Widening- Bunker hill Road to Forsyth County Line	1.5/3/6	2 lane	4 lane divided	Minor Arterial	Yes	Yes	\$13,232,000
40-33	State		Wiley Davis Road	Widening - Groometown Road to Clair Place	1.0	2 lane	4 lane divided	Minor Arterial	No	No	\$6,860,000
40-34	State		Williams Dairy Road/ Millpoint Road Connector	New location - Millpoint Rd. to Southeast School Rd.	0.8	N/A	2 lane	Collector	Yes	Yes	\$3,284,000

Project Recommendations

40-35	State		Youngs Mill / Southeast School Connector	New location - Millpoint Rd. to Southeast School Rd.	1.2	N/A	2 lane	Collector	Yes	Yes	\$20,128,000
40-36	State		Youngs Mill Rd. Extension	New location - McConnell Rd. to US 70 (includes Railroad Grade Seperation)	1.0	N/A	4 lane divided	Collector	Yes	Yes	\$42,965,000
N/A	Various	Various (B)	Various	Bridge Projects	N/A	N/A	N/A	Various			N/A
N/A	Various	Various (W, SI)	Various	Hazard Elimination Projects	N/A	N/A	N/A	Various			N/A
N/A	Various	Various (P)	Various	Passenger Rail Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (E)	Various	Enhancement Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (T)	Various	Public Transportation Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (C)	Various	Congestion Mitgation and Air Quality (CMAQ) Projects	N/A	N/A	N/A	N/A			N/A
N/A	Various	Various (C)	Various	Maintenance (roadway)	N/A	N/A	N/A	N/A			N/A

2040 LONG RANGE
TRANSPORTATION
PLAN

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Highway Projects Map

2040
Projects

Legend

Existing
Freeway
& Interstate

Roadway Project Locations

Existing Alignment
Future Alignment

Intersection

Grade Separation Project Locations

+ Intersection
● Interchange
● Grade Separation

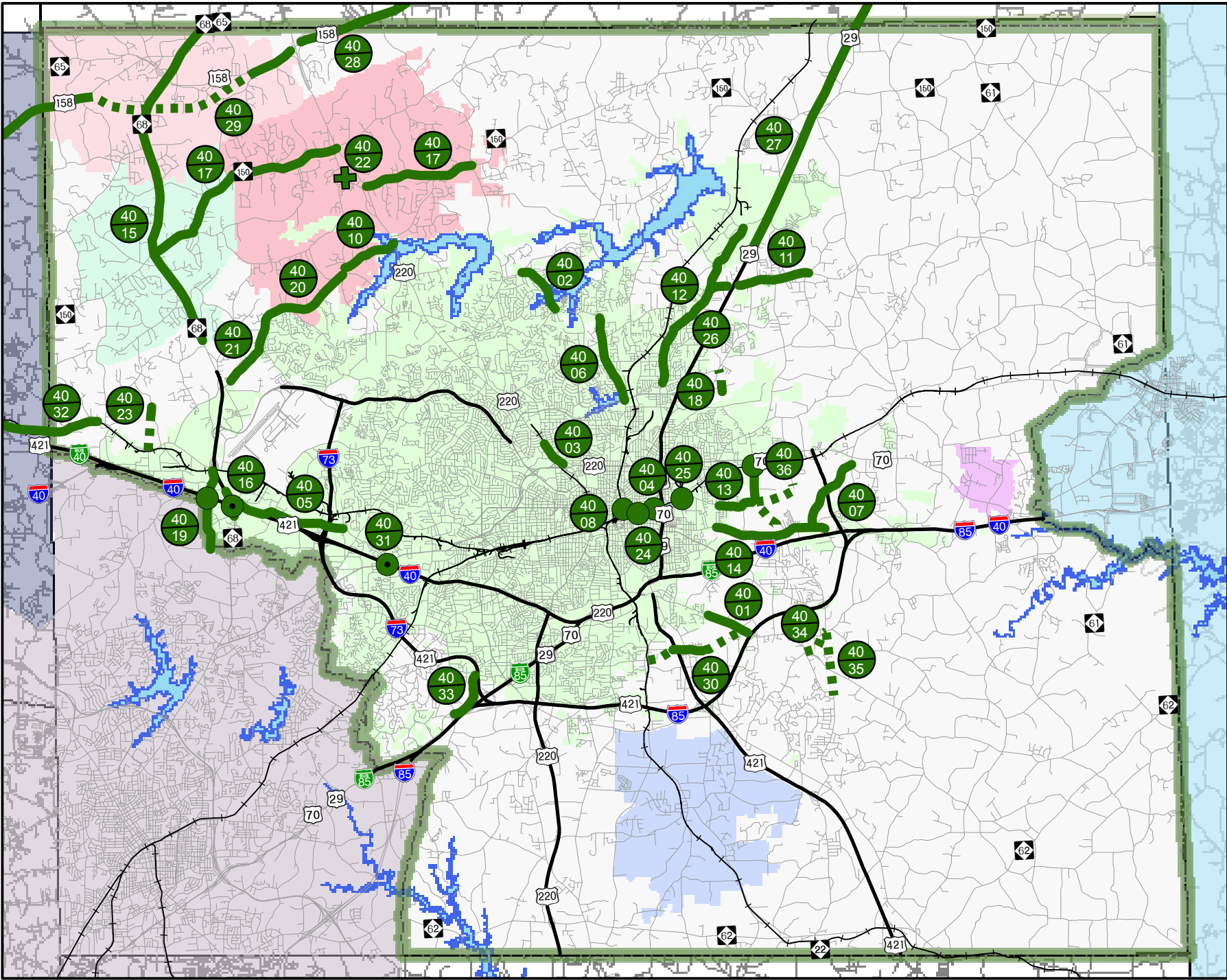
Project Reference ID

40 # 2040



0 0.5 1 2
Miles

Map 4-__



Illustrative Projects

Illustrative Roadway Projects

Beyond 2040											
Map ID	Funding	TIP or Local ID	Facility	Description / Extents	Length (miles)	Existing # Lanes	Horizon Year # Lanes	Federal Functional Class	BiPed		Estimated Project Costs
									Sidewalk	Bike	
IL -01	Federal	I-4924	Airport Connector (I-73/I-74)	New location - Forsyth Co. Line to NC 68	4.8	N/A	4 lane divided	Other Principal Arterial	No	No	\$39,600,000
IL-02	State		Bishops Rd. / Vernondale Rd. Connector	South Holden Rd. to Rehobeth Church Rd.	0.5	2 lane	3 lane	Collector	Yes	Yes	\$4,424,200
IL-03	Federal		Brown Summit Road at US 29	Summit Ave. to Brangu St. and Interchange	N/A	N/A	4 lane divided	Minor Arterial	Yes	No	\$35,237,000
IL-04	State		Burnetts Chapel / Steeple Chase / Hagen Stone Park Connector	Burnetts Chapel Rd. to Steeple Chase Rd.; Steeple Chase Rd. to Hagan Stone Park Rd.; Hagan Stone Park Rd. to Company Mill Rd.	5.2	2 lane	2 lane	Proposed Minor Arterial	Yes	Yes	\$35,225,000
IL-05	Federal		Carmon Road Extension	Knox Rd. to McLeansville Rd.	1.0	N/A	2 lane	Collector	Yes		4,200,000
IL-06	State		Eversfield Road Extension	New location - Oak Ridge Rd. to Brookbank Rd.	1.4	N/A	2 lane	Proposed Collector	Yes	Yes	\$5,599,000
IL-07	State		High Rock Road Extension	US 70 to Frieden Church Rd. (improve existing and new location)	3.1	2 lane	2 lane	Collector	Yes	Yes	\$20,402,000
IL-08	State		South Holden Road	Widening & new location - Glendale Drive to Kivett Road	2.6	2 lane	4 lane divided	Minor Arterial	Yes	Yes	\$20,177,000
IL-09	State		Mt. Hope Church Rd. Extension	New location - McPherson-Clay Rd. to Alamance Church Rd.	0.4	N/A	2 lane	Collector	Yes	Yes	\$1,497,000
IL-10	Local		Rankin Mill Rd. / Flemingfield Rd. Connector	New location - South of Keeley Rd. to Huffine Mill Rd.	0.7	2 lane	3 lane	Minor Arterial	Yes	Yes	\$4,069,000
IL-11	State		Ritters Lake Road Extension	New location - Elm-Eugene St. to Randleman Rd.	0.4	2 lane	3 lane	Minor Arterial	Yes	Yes	\$4,817,000
IL-12	State		Turner Smith Road Extension	New location - McLeansville Rd. eastward to Existing Turner Smith Rd.	0.5	N/A	3 lane	Proposed Collector	Yes	Yes	\$3,409,000

These projects will need additional evaluation to determine thier need and viability .

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Highway Projects Map

Illustrative Projects

Legend

Existing
Freeway
& Interstate

Roadway Project Locations

Existing
Proposed

Interchange Grade Separation Project Locations

Interchange
Complete
Grade Separation
Complete

Project Reference ID

IL # Illustrative



0 0.5 1 2
Miles

Map 4-__

